

## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO.                                       | FILING DATE .                           | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.      | CONFIRMATION NO. |  |
|---|---|----------------------|--------------------------|------------------|--|
| 10/614,475  | 07/07/2003                              | Stephen H. Herrmann  | 22058-590DIV CON         | 5152             |  |
| 30623<br>MINTZ, LEVI                                  | 7590 08/08/2007<br>N, COHN, FERRIS, GLO | EXAMINER             |                          |                  |  |
| AND POPEO, P.C. ONE FINANCIAL CENTER BOSTON, MA 02111 |   |                      | TUNGATURTHI, PARITHOSH K |                  |  |
|   |   |                      | ART UNIT                 | PAPER NUMBER     |  |
| ŕ   |   | •                    | 1643                     |                  |  |
|   |   |                      |                          |                  |  |
|   |   |                      | MAIL DATE                | DELIVERY MODE    |  |
|   |   |                      | 08/08/2007               | PAPER            |  |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

## Advisory Action Before the Filing of an Appeal Brief

| Application No.          | Applicant(s)    |  |
|--------------------------|-----------------|--|
| 10/614,475               | HERRMANN ET AL. |  |
| Examiner                 | Art Unit        |  |
| Parithosh K. Tungaturthi | 1643            |  |

|  | Parithosh K. Tungaturthi   | 1643   |  |  |  |  |
|--|--|--|--|--|--|--|
| The MAILING DATE of this communication appe  | ars on the cover sheet with the d  | orrespondence add  | ress   |  |  |  |
| THE REPLY FILED 30 July 2007 FAILS TO PLACE THIS APPL  |  |  |  |  |  |  |
| 1.  The reply was filed after a final rejection, but prior to or on this application, applicant must timely file one of the follow places the application in condition for allowance; (2) a No a Request for Continued Examination (RCE) in compliance time periods:   | the same day as filing a Notice of ving replies: (1) an amendment, aff tice of Appeal (with appeal fee) in the same of the sam | Appeal. To avoid aba<br>idavit, or other evider<br>compliance with 37 C            | ice, which<br>FR 41.31; or (3)                                     |  |  |  |
| a) The period for reply expires 6 months from the mailing date b) The period for reply expires on: (1) the mailing date of this A no event, however, will the statutory period for reply expire is Examiner Note: If box 1 is checked, check either box (a) or   | dvisory Action, or (2) the date set forth<br>ater than SIX MONTHS from the mailin<br>(b). ONLY CHECK BOX (b) WHEN TH   | g date of the final rejecti  | on.  |  |  |  |
| TWO MONTHS OF THE FINAL REJECTION. See MPEP 7. Extensions of time may be obtained under 37 CFR 1.136(a). The date have been filed is the date for purposes of determining the period of ex under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the set forth in (b) above, if checked. Any reply received by the Office later may reduce any earned patent term adjustment. See 37 CFR 1.704(b) NOTICE OF APPEAL | on which the petition under 37 CFR 1. tension and the corresponding amount shortened statutory period for reply origon than three months after the mailing date.   | of the fee. The appropr inally set in the final Offi te of the final rejection, of | ate extension fee<br>ce action; or (2) as<br>even if timely filed, |  |  |  |
| <ol> <li>The Notice of Appeal was filed on <u>30 July 2007</u>. A brief in<br/>date of filing the Notice of Appeal (37 CFR 41.37(a)), or a<br/>appeal. Since a Notice of Appeal has been filed, any repl<br/>AMENDMENTS</li> </ol>   | ny extension thereof (37 CFR 41.3  | 7(e)), to avoid dismis   | sal of the   |  |  |  |
|  | but prior to the date of filing a brief  | will not be entered b  | ecause   |  |  |  |
| 3. The proposed amendment(s) filed after a final rejection,  (a) They raise new issues that would require further co  (b) They raise the issue of new matter (see NOTE belo  | nsideration and/or search (see NO  |  | ecause   |  |  |  |
| (c) They are not deemed to place the application in be-<br>appeal; and/or  |  |  | the issues for   |  |  |  |
| (d) They present additional claims without canceling a   | · -  | ected claims.  |  |  |  |  |
| NOTE: (See 37 CFR 1.116 and 41.33(a)).   |  |  |  |  |  |  |
| <ul> <li>4.  The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).</li> <li>5.  Applicant's reply has overcome the following rejection(s): See Continuation Sheet.</li> </ul>   |  |  |  |  |  |  |
| 6. Newly proposed or amended claim(s) would be a non-allowable claim(s).   |  | timely filed amendme   | ent canceling the  |  |  |  |
| 7.  For purposes of appeal, the proposed amendment(s): a) how the new or amended claims would be rejected is pro The status of the claim(s) is (or will be) as follows: Claim(s) allowed: <u>NONE</u> . Claim(s) objected to: <u>NONE</u> . Claim(s) rejected: <u>57-74</u> .  |  | If be entered and an e   | explanation of   |  |  |  |
| Claim(s) withdrawn from consideration: NONE.   |  |  | •  |  |  |  |
| AFFIDAVIT OR OTHER EVIDENCE  |  |  |  |  |  |  |
| <ol> <li>The affidavit or other evidence filed after a final action, but because applicant failed to provide a showing of good an was not earlier presented. See 37 CFR 1.116(e).</li> </ol>   |  |  |  |  |  |  |
| 9. The affidavit or other evidence filed after the date of filing entered because the affidavit or other evidence failed to a showing a good and sufficient reasons why it is necessar   | overcome <u>all</u> rejections under appe<br>y and was not earlier presented. S  | al and/or appellant fa<br>see 37 CFR 41.33(d)(                                     | ils to provide a<br>1).  |  |  |  |
| 10. The affidavit or other evidence is entered. An explanation REQUEST FOR RECONSIDERATION/OTHER   | n of the status of the claims after e  | intry is below or attacl   | nea.   |  |  |  |
| 11. The request for reconsideration has been considered by See Continuation Sheet.   | it does NOT place the application i  | n condition for allowa   | nce because:   |  |  |  |
| 12.  Note the attached Information Disclosure Statement(s).  13.  Other:   | (PTO/SB/08) Paper No(s)  | DAVID J. BLAN  | 1/   |  |  |  |
|  |  | The D  |  |  |  |  |
|  |  | DAVID J. BLAN  | ICHARD   |  |  |  |

PATENT EXAMINER

Continuation of 5. Applicant's reply has overcome the following rejection(s): The rejection of claims 67-73 under 35 U.S.C. 112, second paragraph.

Continuation of 11. does NOT place the application in condition for allowance because: The applicants argue that the Fc polypeptide in the instant claims is considered as a species of the genus heterologous polypeptide in the claims of the '296 patent and hence the rejection is not valid.

The above arguments are carefully considered, but are not found persuasive. As stated in the previous office action, since a "heterologous polypeptide" is not limited to any particular polypeptide, it would be reasonable to consult the disclosure of the patent for it's exact meaning, which according to column 2 lines 59-60, column 6 lines 24-25 and column 9 lines 7-8 of the '693 patent, a "heterlogous polypeptide" includes an Fc polypeptide. Further, it is clear from examples 1-3 and 6 of the patent '693, that the heterlogous polypeptide is the preferred embodiment, as agreed by the applicant on pages 5-6 of the response filed on 07/30/2007. Hence a skilled artisan would readily envisage the heterologous polypeptide to be "Fc polypeptide" and that the disclosure of the patent '693 satisfies the requirements to qualify as reading on the claimed invention.